INDUSTRIAL COMPONENT DATA

VS-OE-OE-94F-100,0 1416347 PHOENIX CONTACT Network cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: VS-OE-OE-94F-100,0



Manufacturer	PHOENIX CONTACT
MPN / Reference	VS-OE-OE-94F-100,0
Catalog number	1416347
Category	Data and communication cable
Minimum order	1 Pcs
Document ID	EO-0FF1BC2894
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Product Overview

Network cable
Network cable, CAT6A Ethernet (10 GBit/s), 8-pole halogen-free, shielded, free cable end, to free cable end, cable length: 100 m

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path	PHOENIX CONTACT > Industrial Field Connectivity (IFC)

Additional Product Information

Key Commercial Data
Orderkey 1416347
Packing unit 1 pc
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GTIN 4046356474832
Weight per Piece (excluding packing) 3,954.000 g
Custom tariff number 85444995
Country of origin DE (Germany)
Dimensions
Length of cable 100 m
General data
Number of positions 8
Signal type/category Ethernet CAT6A, 10 Gbps

Cable
Cable type Ethernet 10 Gbit
Cable type (abbreviation) 94F
UL AWM style 20963 (80°C/30 V)
Signal type/category Ethernet CAT6A, 10 Gbps
Cable structure 4x2xAWG26/7; S/FTP
Conductor cross section 4x 2x 0.14 mm²
AWG signal line 26
Conductor structure signal line 7x 0.16 mm
Core diameter including insulation 1.04 mm
Wire colors white/blue-blue, white/orange-orange, white/green-green, white/brown-brown
Twisted pairs 2 cores to the pair
Type of pair shielding Aluminum-lined foil
Overall twist 4 pairs for core
Shielding Tinned copper braided shield
Optical shield covering 70 %
External sheath, color water blue RAL 5021
Outer sheath thickness 0.65 mm
External cable diameter D 6.4 mm ±0.2 mm
Minimum bending radius, fixed installation 4 x D
Minimum bending radius, flexible installation 8 x D
Tensile strength GRP <= 100 N
Cable weight 42 kg/km
Outer sheath, material PUR
Material conductor insulation Foamed PE
Conductor material Bare Cu litz wires
Insulation resistance >= 500 M?*km
Loop resistance <= 290.00 ?/km
Cable capacity 47 nF/km
Wave impedance 100 ? ±5 ? (at 100 MHz)
Near end crosstalk attenuation (NEXT) 75.3 dB (with 1 MHz)
66.3 dB (at 4 ?Hz)
61.8 dB (a...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / VS-OE-OE-94F-100,0 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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